INSTALLATION OF ACCESSORIES IN RADIOLA 28 SUPER-HETERODYNE

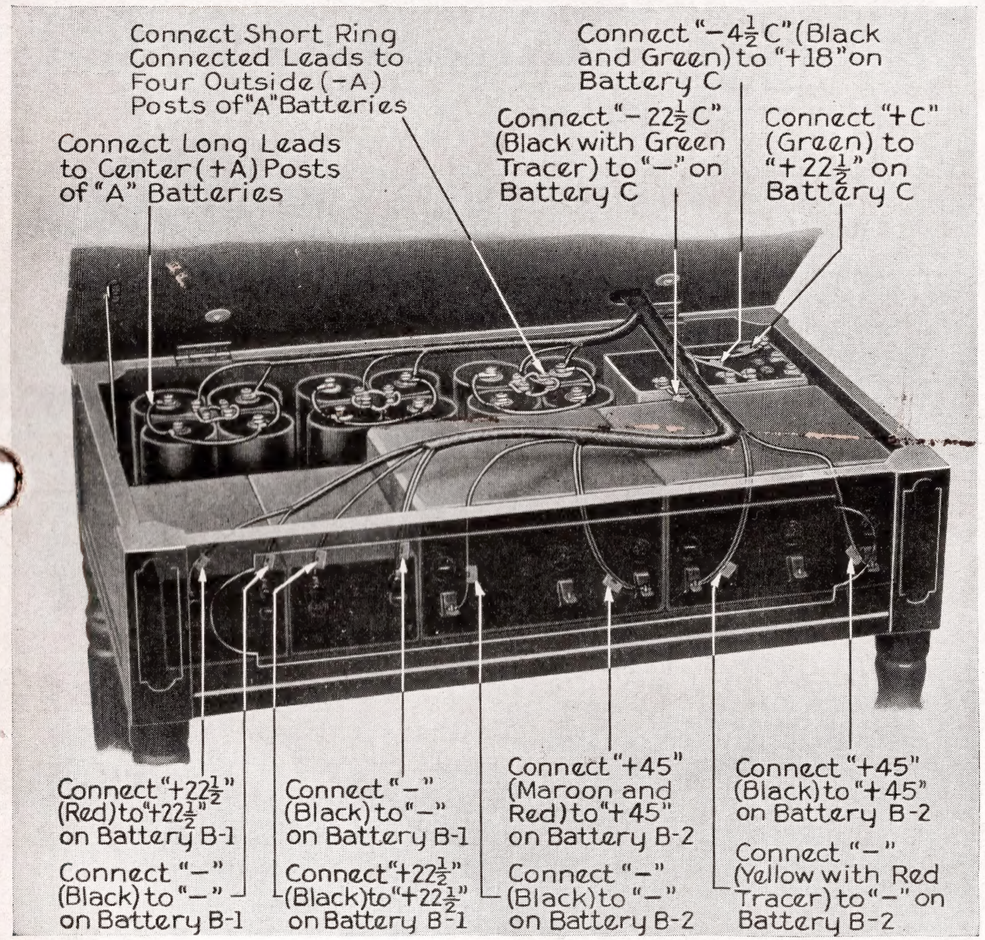
Connect Short Ring Connected Leads to Four Outside (-A) Posts of "A" Batteries
Connect Long Leads to Center (+A) Posts of "A" Batteries
Connect "−4½C" (Black and Green) to "+18" on Battery C
Connect "−22½C" (Black with Green Tracer) to "−" on Battery C
Connect "+C" (Green) to "+22½" on Battery C
Connect "+22½" (Red) to "+22½" on Battery B-1
Connect "−" (Black) to "−" on Battery B-1
Connect "−" (Black) to "−" on Battery B-1
Connect "+22½" (Black) to "+22½" on Battery B-1
Connect "+45" (Maroon and Red) to "+45" on Battery B-2
Connect "−" (Black) to "−" on Battery B-2
Connect "+45" (Black) to "+45" on Battery B-2
Connect "−" (Yellow with Red Tracer) to "−" on Battery B-2

Fig. 1. Connections of Batteries in Radiola 28

SUMMARY OF INSTRUCTIONS

1. Insert Radiotron UV-877 (Protective Tube) in its socket as shown in Fig .2, before connecting batteries or inserting other Radiotrons.
2. Place batteries listed to right in battery tray, and connect as shown in Fig. 1.
3. Insert 7 Radiotrons UX-199 and one Radiotron UX-120 as shown in Fig. 2.
4. Watch the Protective Tube while making these installations; the Tube should not light if the installation is made correctly.

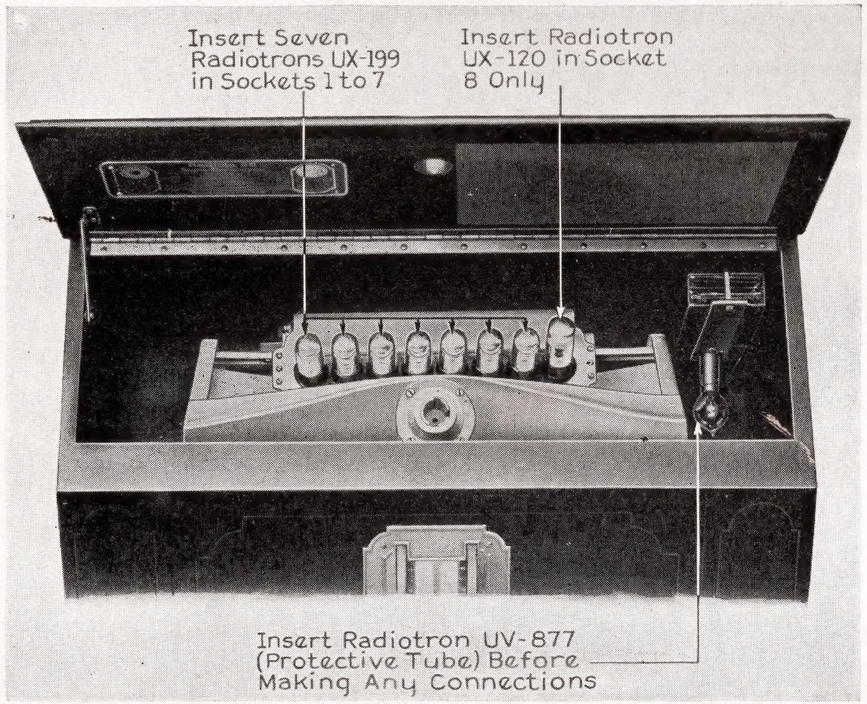
Insert Seven Radiotrons UX-199 in Sockets 1 to 7
Insert Radiotron UX-120 in Socket 8 Only
Insert Radiotron UV-877 (Protective Tube) Before Making Any Connections

Fig. 2. Installation of Radiotrons in Radiola 28

LIST OF BATTERIES REQUIRED

A–Twelve Standard No. 6 Dry Cells, 1½ volts each. Size approximately 2½ inches in diameter by 6½ inches high, such as

12 Burgess No. 6	or
12 Eveready No. 7111	or
12 Ray-O-Vac No. 1211	or
12 Columbia Eveready Ignitor Radio Dry Cells	

OR EQUIVALENT

B-1–Two 22½-volt Plate or "B" Batteries. Size approximately 6⅝ inches by 4⅛ inches by 3 3/16 inches for the horizontal type; or 4¼ inches by 3⅛ inches by 7⅛ inches for the vertical type; such as

	Horizontal	Vertical	
2 Burgess	No. 2156	or No. 2158	or
2 Eveready	No. 766	or No. 779	or
2 Ray-O-Vac	No. 2151	or No. 2153	

OR EQUIVALENT

B-2–Two 45-volt (Extra Large) Plate or "B" Batteries. Size approximately 8[illegible] inches by 4 7/16 inches by 7¼ inches, such as

2 Burgess No. 10308	or
2 Eveready No. 770	or
2 Ray-O-Vac No. 9303	

OR EQUIVALENT

C–One 22½-volt Plate or "B" Battery with taps for variable voltage, used as a negative grid bias or "C" Battery. Size approximately 6⅝ inches by 4⅛ inches by 3 3/16 inches, such as

1 Burgess No. 2156	or
1 Eveready No. 766	or
1 Ray-O-Vac No. 2151	

OR EQUIVALENT

Note: The fact that the Radio Corporation of America does not list batteries of all manufacturers is not intended as a reflection on the products of any battery manufacturer not listed. Any battery having dimensions, capabilities, and satisfactory terminal connections similar to those of the batteries listed may be used.

RADIO CORPORATION OF AMERICA

233 Broadway, New York City — **10 South LaSalle St., Chicago, Ill.** — **28 Geary St., San Francisco, Cal.**

Sept., 1925 (3200)

Instructions 8698[illegible]